

APEX3R Evo

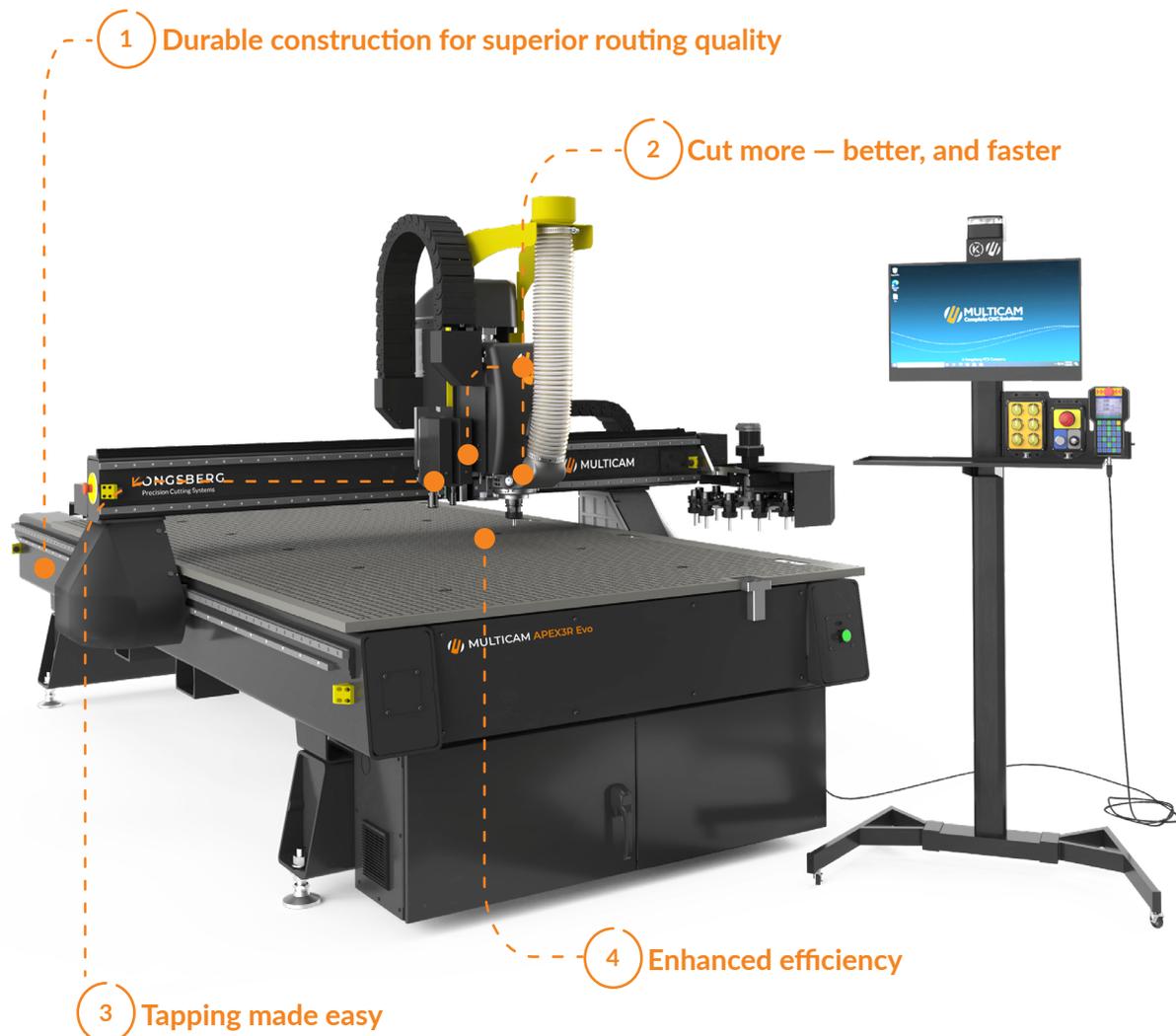
A new evolution in high-performance routing

Experience unparalleled high-performance routing with the Apex3R Evo, MultiCam's latest flagship CNC Router. Delivering exceptional cut quality and edge finish at an affordable price.

Key Features:

- **Condensed Knife System:** Improved options providing cut quality and more productivity
- **Upgraded Tapping:** Simplify and streamline production
- **Improved Dust Boot:** Excellent particulate pick-up
- **Modular Design:** Easily add knife and rotary tool changer as needs evolve

Designed and engineered to cater to a wide range of applications, the incredibly versatile Apex3R Evo offers excellent routing capabilities for thick or dense substrates, delivers precise edge quality, capable of mirror edge finish on aluminum and clear edge on acrylic.



Discover the benefits of the MultiCam Apex3R Evo

- **Highest quality and performance** at an affordable price
- **Robust construction** ensures superior routing results
- **Improved cutting** with new condensed knife system
- **Save time with up to 10 tap sizes in one job** — perfect for tapping non-ferrous metals, dense plastics, and hardened advanced materials
- **Cut a wider range of materials** with the new electric oscillator stroke
- **Superb dust collection** with a newly designed dust boot for better particulate pickup
- **Improved misting** with integrated nozzles that direct fluid precisely on the tool and material
- **User-friendly design** with improved table access and EZ Control, making it simple for operators at all levels
- **Accelerate workflow** with automatic tool change options
- **Modular configuration** allows the router to adapt to your business as it grows

1. Durable construction for superior routing quality

The Apex3R Evo's robust all-steel frame, high-precision gearbox, and a tightly tuned servo system ensure accurate, pristine cuts. Its three-axis motion control guarantees consistent quality, even on materials up to 5 inches thick, delivering the precision your customers expect.

2. Cut more — better, and faster

Collet and ATC spindle options range from an impressive 24-32K RPM and up to 13.3 HP, enabling you to tackle a wide range of jobs faster and with greater precision. The newly designed condensed knife system, featuring a configurable electric oscillator between 2mm-5mm stroke, guarantees cleaner cuts on many materials.

3. Tapping made easy

The upgraded pneumatic "Quick Change" knife body allows for both knife and tapping tool change capabilities. Use multiple tap sizes in one job and reduce secondary processes, achieving perfect tapping depths with greater efficiency through automation.

4. Enhanced efficiency

Using our hands free surface probe simplifies job setup. The new camera system, with higher resolution and improved lighting ensures precise and reliable capture of register marks, and optimized tool change options minimizes errors that maximizes productivity.

	Specifications	
Max Material Thickness	4" 101 mm	5" 127 mm
Gantry Height	6" 152 mm	8" 203 mm
Cutting Speed	1950 IPM 825.5 mm/sec.	
Rapid Traverse	2758 IPM 1167.6 mm/sec.	
Repeatability	+/-0.001" +/-0.025 mm	
Drive System (X,Y)	Helical	
Drive System (Z)	Ball Screw	
Standard Work Surface	1" Phenolic 25.4 mm Phenolic	

Stock machine comes with standard 6" gantry clearance.

	Models
103	53" x 100" 1346 x 2540 mm
204	63" x 121" 1600 x 3073 mm
304	83" x 121" 2108 x 3073 mm
405	104" x 146" 2641 x 3708 mm

Many other sizes available